

# Summary and Consideration of Priority Areas for Action

Surgeon General's Workshop on Deep  
Vein Thrombosis

9 May 2006

# Priority Areas

- Basic science research.
- Clinical/translational research.
- Education and training issues.
- Best practices.

# Basic Science Research

- Identification of biomarkers that can provide individual-specific risk profiles for
  - primary thrombosis
  - recurrent thrombosis
  - long-term management/post-thrombotic syndrome
- Basic endothelial cell biology and vessel response to stasis and thrombosis.

# Clinical Research

- Pharmacology and pharmacokinetic studies of therapies in selected patient populations (pediatric, obesity).
- Prospective studies investigating pharmacomechanical strategies to decrease clot burden and impact on chronic post-phlebitic syndrome
- Role of pharmacogenetics and warfarin therapy

# Education and Training

- Develop and promote training programs for students and young physicians interested in careers in venous medicine (e.g. vascular fellowships; competent, capable clot treaters).
- Mandate changes in medical education and training.
- Increase public awareness efforts on high-risk groups for DVT and PE.

# Best practices

- Awareness/education about the problem – targeting the public as well as providers.
- Utilization of thromboprophylaxis to *prevent* venous thromboembolism.
- Implementation of high-quality anticoagulant therapy management.